

MULTICOMPONENT SUPERABSORBENT GEL PARTICLES

ABSTRACT

Multicomponent superabsorbent gel particles are disclosed. The multicomponent particles comprise at least one acidic water-absorbing resin and at least one basic water-absorbing resin. Each particle contains at least one microdomain of the acidic resin in contact with, or in close proximity to, at least one microdomain of the basic resin. Blends of multicomponent superabsorbent gel particles with particles of a second water-absorbing resin also are disclosed. Improved diaper cores containing particles of the multicomponent superabsorbent gel particles also are disclosed.

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